

Title (en)

MOBILE TERMINAL DEVICE AND UPLINK CONTROL INFORMATION SIGNAL TRANSMISSION METHOD

Title (de)

MOBILES ENDGERÄT UND VERFAHREN ZUR ÜBERTRAGUNG VON UPLINK-STEUERINFORMATIONSSIGNALEN

Title (fr)

DISPOSITIF DE TERMINAL MOBILE ET PROCÉDÉ DE TRANSMISSION DE SIGNAL D'INFORMATION DE COMMANDE DE LIAISON MONTANTE

Publication

EP 2538718 B1 20170628 (EN)

Application

EP 11742354 A 20110215

Priority

- JP 2010181684 A 20100816
- JP 2010030374 A 20100215
- JP 2011053081 W 20110215

Abstract (en)

[origin: EP2538718A1] To suppress and minimize changes from the method of transmitting an uplink control information in the LTE system, while supporting increases in the system band and increases in the transmission layer when there is a PUSCH signal transmitted in the same subframe, provided is a configuration for generating a UCI signal for a base station apparatus (20) in a mobile communication system having a system band comprised of a plurality of component carriers, multiplexing the UCI signal into a PUSCH signal transmitted in the same subframe as the UCI signal in a user specific component carrier used in transmission of a PUCCH signal, and transmitting the PUSCH signal into which the UCI signal is multiplexed to the base station apparatus (20).

IPC 8 full level

H04W 52/34 (2009.01); **H04L 5/00** (2006.01); **H04W 28/04** (2009.01); **H04W 28/06** (2009.01); **H04W 52/36** (2009.01); **H04W 72/04** (2009.01)

CPC (source: CN EP KR US)

H04L 5/0007 (2013.01 - KR); **H04L 5/001** (2013.01 - CN EP KR US); **H04L 5/0053** (2013.01 - CN EP KR US); **H04W 28/04** (2013.01 - US); **H04W 52/34** (2013.01 - US); **H04W 52/367** (2013.01 - CN EP KR US); **H04W 72/0453** (2013.01 - KR); **H04W 72/21** (2023.01 - US); **H04L 5/0007** (2013.01 - CN EP US)

Cited by

WO2022046933A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2538718 A1 20121226; **EP 2538718 A4 20150617**; **EP 2538718 B1 20170628**; AU 2011215191 A1 20120906; AU 2011215191 B2 20150226; BR 112012020002 A2 20231121; CA 2789366 A1 20110818; CA 2789366 C 20180102; CA 2985932 A1 20110818; CN 102792729 A 20121121; CN 102792729 B 20160224; CN 105721126 A 20160629; CN 105721126 B 20190312; DK 2538718 T3 20170731; DK 3174347 T3 20190128; EP 3174347 A1 20170531; EP 3174347 B1 20181212; JP 2011188468 A 20110922; JP 5216058 B2 20130619; KR 101805659 B1 20171206; KR 101805666 B1 20171206; KR 20120127441 A 20121121; KR 20170008884 A 20170124; MX 2012009245 A 20121001; US 2013028209 A1 20130131; US 2015181591 A1 20150625; US 9008019 B2 20150414; US 9137789 B2 20150915; WO 2011099615 A1 20110818

DOCDB simple family (application)

EP 11742354 A 20110215; AU 2011215191 A 20110215; BR 112012020002 A 20110215; CA 2789366 A 20110215; CA 2985932 A 20110215; CN 201180009538 A 20110215; CN 201610045737 A 20110215; DK 11742354 T 20110215; DK 17151160 T 20110215; EP 17151160 A 20110215; JP 2010181684 A 20100816; JP 2011053081 W 20110215; KR 20127020805 A 20110215; KR 20177000768 A 20110215; MX 2012009245 A 20110215; US 201113578910 A 20110215; US 201514636597 A 20150303